

*Original*  
*INB6*

SEQUENCE LISTING

(1) GENERAL INFORMATION

- (i) APPLICANT: BRUCE D. GAYNOR, BETTY A. DIAMOND,  
MATTHEW D. SCHARFF AND PHILIPPE VALADON
- (ii) TITLE OF INVENTION: PEPTIDES FOR THE TREATMENT AND  
DIAGNOSIS OF SYSTEMIC LUPUS  
ERYTHEMATOSUS
- (iii) NUMBER OF SEQUENCES:
- (iv) CORRESPONDENCE ADDRESS:  
(A) ADDRESSEE: AMSTER, ROTHSTEIN & EBENSTEIN  
(B) STREET: 90 PARK AVENUE  
(C) CITY: NEW YORK  
(D) STATE: NEW YORK  
(E) COUNTRY: U.S.A.  
(F) ZIP: 10016
- (v) COMPUTER READABLE FORM:  
(A) MEDIUM TYPE: 3.5 INCH 1.44 Mb STORAGE DISKETTE  
(B) COMPUTER: IBM PC COMPATIBLE  
(C) OPERATING SYSTEM: MS-DOS  
(D) SOFTWARE: ASCII
- (vi) CURRENT APPLICATION DATA:  
(A) APPLICATION NUMBER: 08/581,832  
(B) FILING DATE: SEPTEMBER 20, 1995
- (viii) ATTORNEY/AGENT INFORMATION:  
(A) NAME: CRAIG J. ARNOLD  
(B) REGISTRATION NUMBER: 34,287  
(C) REFERENCE/DOCKET NUMBER: 96700/342
- (ix) TELECOMMUNICATION INFORMATION:  
(A) TELEPHONE: (212) 697-5995  
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(C) TELEX: TWX 710-581-4766

(2) INFORMATION FOR SEQ ID NO: 1

- (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 10  
(B) TYPE: AMINO ACID  
(C) STRANDEDNESS: SINGLE  
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE:

(A) DESCRIPTION: PEPTIDE

(iii) HYPOTHETICAL: YES

(iv) ANTI-SENSE: NO

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1

Asp Trp Glu Tyr Ser Val Trp Leu Ser Asn  
1 5 10

(3) INFORMATION FOR SEQ ID NO: 2

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 6  
(B) TYPE: AMINO ACID  
(C) STRANDEDNESS: SINGLE  
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE:

(A) DESCRIPTION: PEPTIDE

(iii) HYPOTHETICAL: YES

(iv) ANTI-SENSE: NO

(ix) FEATURE:

- (A) NAME/KEY:  
(B) LOCATION:  
(C) IDENTIFICATION METHOD:  
(D) OTHER INFORMATION: Xaa at 1 and 4 is any amino acid

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2

Xaa Gly Trp Xaa Arg Val  
1 5

(4) INFORMATION FOR SEQ ID NO: 3

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 6
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE:

- (A) DESCRIPTION: PEPTIDE

(iii) HYPOTHETICAL: YES

(ix) FEATURE:

- (A) NAME/KEY:
- (B) LOCATION:
- (C) IDENTIFICATION METHOD:
- (D) OTHER INFORMATION: Xaa at 1, 3 and 6 is any amino acid

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3

Xaa Trp Xaa Tyr His Xaa  
1 5

(5) INFORMATION FOR SEQ ID NO: 4

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 5
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE:

- (A) DESCRIPTION: PEPTIDE

(iii) HYPOTHETICAL: YES

(ix) FEATURE:

- (A) NAME/KEY:
- (B) LOCATION:
- (C) IDENTIFICATION METHOD:
- (D) OTHER INFORMATION: Xaa at 1 and 3 is Aspartic Acid or Glutamic Acid; Xaa at 5 is Glycine or Serine

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4

Xaa Trp Xaa Tyr Xaa

1

5

(6) INFORMATION FOR SEQ ID NO: 5

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE:

(A) DESCRIPTION: PEPTIDE

(iii) HYPOTHETICAL: YES

(ix) FEATURE:

(A) NAME/KEY:

(B) LOCATION:

(C) IDENTIFICATION METHOD:

(D) OTHER INFORMATION: Xaa at 1 and 3 is Aspartic  
Acid or Glutamic Acid

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5

Xaa Gly Xaa Trp Pro Arg

1

5

(7) INFORMATION FOR SEQ ID NO: 6

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 25

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE:

(A) DESCRIPTION: PEPTIDE

(iii) HYPOTHETICAL: YES

(ix) FEATURE:

- (A) NAME/KEY:  
(B) LOCATION:  
(C) IDENTIFICATION METHOD:  
(D) OTHER INFORMATION: Xaa at 7-16 is any amino acid

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6

Ala Asp Gly Ser Gly Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
1 5 10 15

Gly Ala Pro Ser Gly Ala Glu Thr Val  
20 25

Q, (8) INFORMATION FOR SEQ ID NO: 7

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 10  
(B) TYPE: AMINO ACID  
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE:

(A) DESCRIPTION: PEPTIDE

(iii) HYPOTHETICAL: YES

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7

Arg His Glu Asp Gly Asp Trp Pro Arg Val  
1 5 10